

Product Datasheet

Tight Junction Protein 1 Antibody NBP1-46111

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-46111**Tight Junction Protein 1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

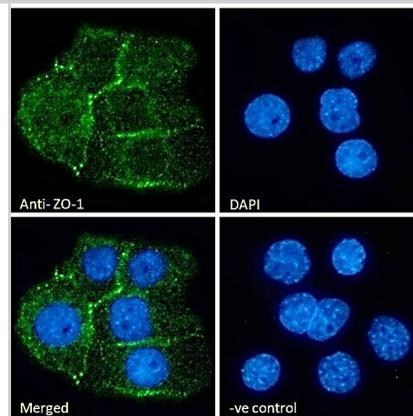
Product Description	
Host	Goat
Gene ID	7082
Gene Symbol	TJP1
Species	Human
Marker	Intercellular Junctions/Tight Junction Marker
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_003248.3; NP_783297.2).
Immunogen	Peptide with sequence C-PKPTSQNQFSEHDKT corresponding to internal region according to NP_003248.3, NP_783297.2.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Peptide ELISA, Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:132000, Immunofluorescence 10 ug/mL

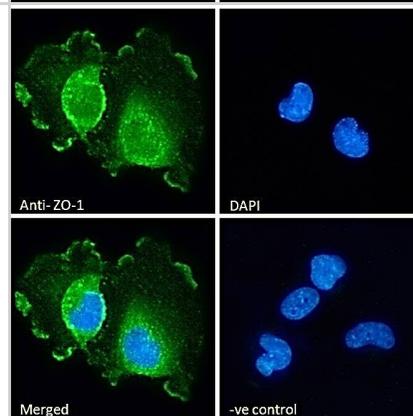


Images

Immunocytochemistry/Immunofluorescence: Tight Junction Protein 1 Antibody [NBP1-46111] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cellular junction staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunocytochemistry/Immunofluorescence: Tight Junction Protein 1 Antibody [NBP1-46111] - Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Publications

Cheng Y, Medina A, Yao Z et al. Intrinsic antiviral immunity of barrier cells revealed by an iPSC-derived blood-brain barrier cellular model *Cell reports* 2022-05-31 [PMID: 35649379] (ICC/IF, Human)

Zhong Z, Deane R, Ali Z et al. ALS-causing SOD1 mutants generate vascular changes prior to motor neuron degeneration. *Nat Neurosci* 2008-04-01 [PMID: 18344992]



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Products Related to NBP1-46111

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-85046PEP	Tight Junction Protein 1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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